



State of Utah

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Department of
Environmental Quality

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DIVISION OF WATER QUALITY
Walter L. Baker, P.E.
Director

FINDING OF NO SIGNIFICANT IMPACT

TO ALL INTERESTED GOVERNMENTAL AGENCIES AND PUBLIC GROUPS:

As required by the guidelines for the preparation of environmental impact statements, an environmental review has been performed on the proposed project below:

Project: Eureka City Wastewater Collection Rehabilitation Project (*project*)
Location: Eureka City located on U.S Highway 6 (US-6), approximately 70 miles southwest of Salt Lake City in Juab County, Utah.
Project Number: SRF 199
Total Project Cost: \$6,600,400
State/Federal Share: \$1,146,000 Water Quality Board Grant; \$1,300,000 Water Quality Board Loan; \$353,400 Community Impact Board Grant; \$354,000 Community Impact Board (CIB) Loan; \$1,800,000 USDA RD Grant; \$647,000 USDA RD Loan; USACE Grant \$1,000,000.

Eureka City (City) plans to replace approximately 20,000 feet of wastewater lines and replace approximately 58 existing manholes, add 13,500 feet of new wastewater lines with approximately 90 new manholes. The *project* will add a new wastewater treatment maintenance building and install new aerators, respiratory equipment, and new headworks to accommodate an Auger Monster and influent meter. A projected 20-year design flow rate of 99,410 gallons per day was based on estimated total Eureka population for 2032 of 994 residents, resulting from a growth rate of 1.5%.

The City currently provides wastewater collection and treatment services to 398 residential connections and a small number of commercial connections with a total user base of 408 equivalent residential connections (ERU). The existing wastewater collection system was constructed in the 1910's and was made of clay pipe. In 1985, Eureka City performed a wastewater collection improvement project that included grout sealing some of the old clay lines, replacement of the clay lines with PVC or concrete pipe, and connecting existing homes to the system. The video survey conducted in 2005-2007 revealed approximately 80% of the collection system lines has experienced significant failure allowing for groundwater infiltration. Additionally many manholes are buried or inaccessible. The wastewater treatment plant was built in Eureka City in 1986 and consists of a three cell aerated lagoon system that discharges to Eureka Creek after disinfection. The existing wastewater treatment system has the capacity for the 20 year planning period assuming the collection system will be remediated to prevent groundwater infiltration.

The Utah Water Quality Board authorized construction funding for \$1,300,000 loan to Eureka

City with a repayment term of 30 years at a 0.0 interest rate. The CIB authorized construction funding for \$354,000 with a repayment term of 30 years at a 0.0 interest rate. The USDA RD authorized construction funding for \$647,000 with a repayment term of 38 years at a 2.75 interest rate. The new monthly sewer user fee is expected not to exceed the current \$45.00/month per ERU.

The review of the Environmental Assessment (EA) for Water and Wastewater Improvement Project, Eureka, Utah prepared by the U.S. Army Corps of Engineers (USACE) did not indicate significant environmental impacts would result from the proposed action. Copies of the Environmental Assessment can be reviewed or obtained on the Corps' website at www.spk.usace.army.mil (Click on "Corps Project Environmental Documents.") Consequently, a preliminary decision not to prepare an environmental impact statement (EIS) has been made. This action is taken on the basis of a careful review of the engineering report, environmental information documents and other supporting information which are on file and available for public review at the Utah Division of Water Quality, 195 North 1950 West, P O Box 144870, Salt Lake City, Utah 84114-4870.

Comments supporting or disagreeing with this decision may be submitted for consideration to the Division of Water Quality (DWQ), P.O. Box 144870, Salt Lake City, UT 84114-4870. After evaluating the comments received, the agency will make a final decision; however, no administrative action will be taken on the project for at least thirty (30) calendar days while advertising the Finding of No Significant Impact. DWQ will accept your comments until midnight October 31, 2014.

UTAH WATER QUALITY BOARD
Walter L. Baker, P.E.
Executive Secretary